

In the claims:

Following is a complete set of claims as amended with this Response.

1. -29 (Cancelled)

30. (New) A method comprising:

receiving a service record at a first radio device from a second radio device, the service record including a service record handle to identify the service record and a service name to identify a service of the second radio device; and

sending a connection request from the first radio device to the second radio device, the connection request including the service name to indicate the appropriate service.

31. (New) The method of Claim 30, further comprising receiving a virtual communications port with the service record, and wherein the connection request does not include the associated virtual communications port.

32. (New) The method of Claim 30, wherein receiving a service record comprises receiving a service record from an advertising device.

33. (New) The method of Claim 30, further comprising sending a query and wherein receiving a service record comprises receiving a service record in response to the query.
34. (New) The method of Claim 33, wherein the query is sent utilizing a Bluetooth protocol SDP request and wherein the service record is received in the form of an SDP response.
35. (New) The method of Claim 30, further comprising:
receiving a virtual communications port with the service record; and
maintaining a database of radio device service records containing a service name and an associated virtual communications port for each service record.
36. (New) The method of Claim 35, further comprising connecting to a first service for which a radio device service record exists in the database utilizing the service name of the first service to initiate the connection.
37. (New) The method of Claim 36, further comprising connecting to a second service for which a radio device service record exists in the database utilizing the service name of the second service to initiate the connection.
38. (New) An apparatus comprising:

means for receiving a service record at a first radio device from a second radio device, the service record including a service record handle to identify the service record and a service name to identify a service of the second radio device; and

means for sending a connection request from the first radio device to the second radio device, the connection request including the service name to indicate the appropriate service.

39. (New) The apparatus of Claim 38, further comprising means for sending a query and wherein the means for receiving a service record receives the service record in response to the query.

40. (New) The apparatus of Claim 39, wherein:

the means for sending a query utilizes a Bluetooth protocol SDP request as the query; and

the means for receiving a service record is configured to receive a Bluetooth protocol SDP response.

41. (New) A radio device comprising:

a processor;

a control hub coupled to the processor; and

an I/O interface coupled to the control hub;

wherein the processor, control hub, and I/O interface are collectively configured

to:

receive a service record at the first radio device from a second radio device, the

service record including a service record handle to identify the service

record and a service name to identify a service of the second radio device;

and

send a connection request to the second radio device, the connection request

including the service name to indicate the appropriate service.

42. (New) The device of Claim 41, wherein the I/O interface includes a Bluetooth interface.

43. (New) The system of Claim 41, wherein the processor, control hub, and I/O interface are, further configured to connect to each service for which a record exists in a set of received service records.

45. (New) A machine-readable medium embodying instructions, the instructions, when executed by a processor, causing the processor to perform a method, the method comprising:

receiving a service record at a first radio device from a second radio device, the

service record including a service record handle to identify the service

record and a service name to identify a service of the second radio device;

and

sending a connection request from the first radio device to the second radio device, the connection request including the service name to indicate the appropriate service.

46. (New) The machine-readable medium of Claim 45, further embodying instructions, the instructions, when executed by the processor, further causing the processor to perform sending a query and wherein receiving a service record comprises receiving a service record in response to the query.

47. (New) The machine-readable medium of Claim 45, further embodying instructions, the instructions, when executed by the processor, further causing the processor to perform:

connecting to a first service for which a record exists in a set of service name records utilizing the service name of the first service to initiate connection; and

connecting to a second service for which a record exists in the set of service name records utilizing the service name of the second service to initiate connection.

48. (New) A method comprising:

sending a service record to a first radio device from a second radio device, the service record including a service record handle to identify the service

record and a service name to identify a service of the second radio device;
and
receiving a connection request from the first radio device at the second radio
device, the connection request including the service name to indicate the
appropriate service.

49. (New) The method of Claim 48, further comprising sending a virtual
communications port with the service record, and wherein the connection request
does not include the associated virtual communications port.

50. (New) The method of Claim 48, further comprising receiving a query, and
wherein sending a service record comprises sending a service record in response
to the query.

51. (New) The method of Claim 50, wherein the query is received as a Bluetooth
protocol SDP request and the service record is sent as an SDP response.

52. (New) An apparatus comprising:
means for sending a service record to a first radio device from a second radio
device, the service record including a service record handle to identify the
service record and a service name to identify a service of the second radio
device; and

means for receiving a connection request from the first radio device at the second radio device, the connection request including the service name to indicate the appropriate service.

53. (New) The apparatus of Claim 52, further comprising:
means for connecting a first service of the available services to the first radio device based on the service name received from the first radio device.
54. (New) A radio device comprising:
a processor;
a control hub coupled to the processor; and
an I/O interface coupled to the control hub;
wherein the processor, control hub, and I/O interface are collectively configured to:
send a service record to a second radio device, the service record including a service record handle to identify the service record and a service name to identify a service of the first radio device; and
receive a connection request from the second radio device, the connection request including the service name to indicate the appropriate service.
55. (New) The device of Claim 54, wherein the processor, control hub, and I/O interface are, further configured to connect a service of the available services to the second radio device based on the received service name.

56. (New) A machine-readable medium embodying instructions, the instructions, when executed by a processor, causing the processor to perform a method, the method comprising:

 sending a service record to a first radio device from a second radio device, the service record including a service record handle to identify the service record and a service name to identify a service of the second radio device;

 and

 receiving a connection request from the first radio device at the second radio device, the connection request including the service name to indicate the appropriate service.

57. (New) The machine-readable medium of Claim 56, further embodying instructions, the instructions, when executed by a processor, further causing the processor to perform connecting a service to the second radio device based on the service name supplied by the second radio device.

58. (New) The machine-readable medium of Claim 56, further embodying instructions, the instructions, when executed by a processor, further causing the processor to perform sending a virtual communications port with the service record, and wherein the connection request does not include the associated virtual communications port.